

ABSTRACT

Disclosed is a method of continuous casting of aluminum-killed steel, using a refractory martial containing 20 mass% or more of $\text{CaO} \cdot \text{MgO}$ -based clinker. 60% or more of MgO grains included in the grains of the $\text{CaO} \cdot \text{MgO}$ -based clinker have a diameter of 50 μm or less. The refractory martial is used at least at a portion to be in contact with molten steel. The present invention can reduce the diameter of MgO grains as inclusions in slabs to suppress the occurrence of flaws in a milled sheet metal.